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NATIONAL COMMUNICABLE DISEASE CENTER

Morbidity and Mortality

Vol. 17, No. 8

WEEKLY REPORT

Week Ending February 24, 1968

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

PUBLIC HEALTH SERVICE

BUREAU OF DISEASE PREVENTION AND ENVIRONMENTAL CONTROL

EPIDEMIOLOGIC NOTES AND REPORTS

POLIOMYELITIS – Texas

For the week ending February 24, 1968, three cases of paralytic poliomyelitis were reported from Texas. These cases plus an additional paralytic case subsequently notified to the state are all from Hidalgo County (Southeastern Texas). Three patients resided in the city of Pharr (1967 population estimate 16,304) and one was from the town of Hidalgo (population 1,078). All cases were in previously unimmunized children less than 2 years of age. Dates of onset were between January 30 and February 11, 1968. There has been one fatality.

No virus isolations have been made to date; however, preliminary serologic results on specimens from three patients indicate a Type I etiology. Intensive immunization of preschool children in Hidalgo County utilizing vaccine supplied from the NCDC Epidemic Stockpile will begin on Friday, March 1, 1968.

(Reported by Dr. M. S. Dickerson, Epidemiologist, Texas State Department of Health.)

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TABLE I. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

(Totals include revised and delayed reports)

DISEASE	8th WEEK ENDED		MEDIAN	CUMULATIVE, FIRST 8 WEEKS		
	FEBRUARY 24, 1968	FEBRUARY 25, 1967	1963 - 1967	1968	1967	MEDIAN 1963 - 1967
Aseptic meningitis	22	20	26	207	217	217
Brucellosis	1	2	5	7	25	30
Diphtheria	3	2	5	15	24	28
Encephalitis, primary:						
Arthropod-borne & unspecified	14	26	---	113	173	---
Encephalitis, post-infectious	2	5	---	60	73	---
Hepatitis, serum	67	29	812	520	281	6,427
Hepatitis, infectious	894	783		6,438	6,146	
Malaria	54	35	2	360	263	18
Measles (rubeola)	593	2,759	9,531	4,132	16,051	59,109
Meningococcal infections, total	92	54	70	666	464	464
Civilian	72	53	---	617	437	---
Military	20	1	---	49	27	---
Mumps	5,352	---	---	37,851	---	---
Poliomyelitis, total	3	–	–	3	1	2
Paralytic	3	–	–	3	1	2
Rubella (German measles)	1,119	973	---	5,648	6,191	---
Streptococcal sore throat & scarlet fever	11,636	12,333	11,828	90,364	92,496	84,360
Tetanus	–	4	4	13	25	26
Tularemia	2	2	3	14	19	38
Typhoid fever	1	3	6	26	41	41
Typhus, tick-borne (Rky. Mt. spotted fever)	–	–	–	3	6	6
Rabies in animals	72	83	83	557	591	573

TABLE II. NOTIFIABLE DISEASES OF LOW FREQUENCY

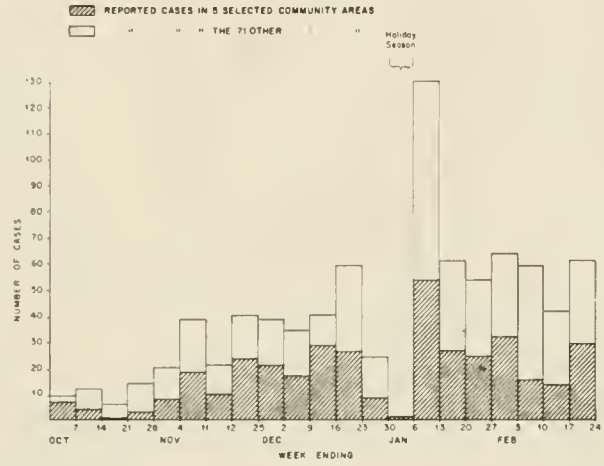
	Cum.		Cum.
Anthrax:	–	Rabies in man:	–
Botulism:	–	Rubella, Congenital Syndrome:	1
Leptospirosis:	2	Trichinosis:	6
Plague:	–	Typhus, murine:	2
Psittacosis:*	5		

*Delayed report: Okla. - 1 case 1967

EPIDEMIOLOGIC NOTES AND REPORTS
MEASLES – Chicago, Illinois

Between October 1, 1967, and February 24, 1968, the Chicago Board of Health reported 825 cases of measles (Figure 1). The increase in the number of reported cases began in early October and continued into December (MMWR, Vol. 17, No. 5). For the past 6 weeks, case reports have leveled off to approximately 57 per week. The peak incidence of 130 cases reported for the week ending January 13 may represent, in part, delayed reports from the holiday season. Preliminary data recording actual dates of onset indicate that a peak of such magnitude is probably artifactual.

Figure 1
MEASLES CASES BY WEEK OF REPORT
CHICAGO, ILLINOIS
OCTOBER 1, 1967 THROUGH FEBRUARY 24, 1968



Although cases occurred throughout all of Chicago, the largest concentration was noted in several lower socioeconomic areas. Of Chicago's 76 community areas, five areas, containing 12 percent of the 1960 population, accounted for 368 (15 percent) of the 825 reported cases. Careful epidemiologic investigation in these five community areas resulted in the recognition of approximately 200 additional cases which have not yet been reported. Age and race data for 563 of the 631 cases reported from October 1967 through January 1968 are presented in Table 1. Of the 563 cases, 115 cases (74 percent) occurred in children less than 5 years of age; of the 148 cases in children age 5 years or older, 130 were in children between 5 and 8 years of age. Non-whites account for 76 percent of the cases, and in this group, 21 percent of the cases were in children less than 1 year of age.

Detailed epidemiologic investigations of cases from the five community areas of highest incidence (Figure 2) showed the time course of the epidemic to parallel that of the city as a whole. With the addition of unrecorded cases in these areas, the age distribution in these areas differed from that for the entire city. In these five community areas, 40 percent of all recognized cases occurred in school age children. In at least one of these areas, spread among

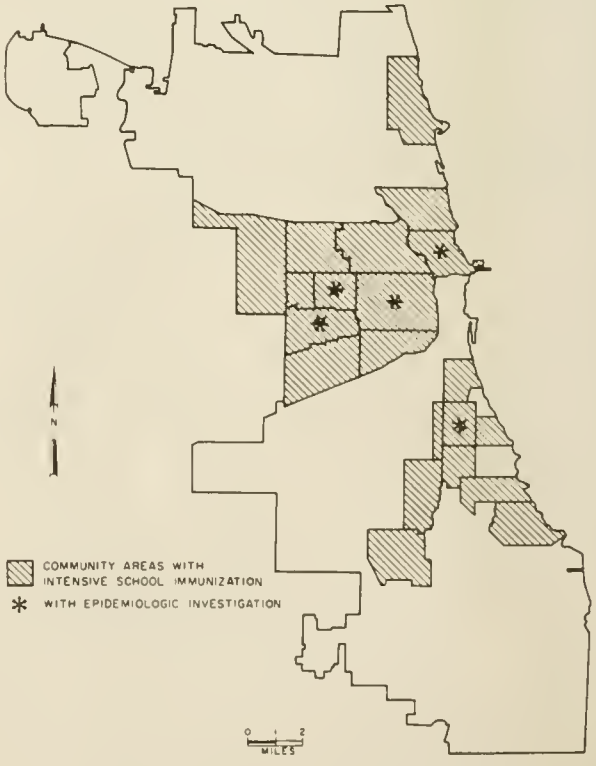
Table 1
Reported Cases of Measles with Age and Race Known
Chicago, Illinois October 1, 1967, through January 31, 1968

Age Group (Years)	White	Non-white	Total	Percent of Total
Under 1	10	92	102	18.1
1 – 4	68	245	313	55.6
5 & over	53	95	148	26.3
TOTAL	131	432	563	100.0

preschool children was documented. This occurred in several high-rise urban renewal apartment buildings where as many as six or more children of working mothers are cared for by other women.

On February 15, 16, 19, and 20, 1968, an epidemic control program was conducted in all 334 public and parochial elementary schools located in the 21 community areas of Chicago which reported four or more cases of measles during January 1968. A total of 35,212 children in kindergarten through the third grade (as well as affiliated Head Start programs) were immunized by personnel from the Chicago Board of Health and a team of 38 EIS Officers and Public Health Advisors from NCDC. Measles vaccine was supplied from the NCDC Epidemic Stockpile. Vaccine

Figure 2
CHICAGO, ILLINOIS – COMMUNITY AREAS
INTENSIVE SCHOOL MEASLES IMMUNIZATION AND
SPECIAL EPIDEMIOLOGIC INVESTIGATION
FEBRUARY 1968



is continuing to be administered in schools in other areas by the Chicago Board of Health. An additional 3,379 doses of vaccine were given by the Board of Health at special clinics for preschool children conducted in areas of high reported incidence on February 17 and 18, 1968.

(Reported by Samuel L. Andelman, M.D., M.P.H., Commissioner of Health, William J. Fishbein, M.D., Medical Director, Bureau of Health Services, and Hyman G. Orbach, Ph.D., Epidemiologist, Chicago Board of Health; and a team from NCDC.)

PRELIMINARY SUMMARY
ENCEPHALITIS – 1967

For 1967, a total of 1,561* cases of primary encephalitis and 759 cases of post-infectious encephalitis were reported to NCDC. In 1966, primary and post-infectious totals were 2,177 and 713 cases, respectively. The 1967 total of 2,320 cases represents the lowest total number of encephalitis cases reported since 1963. Post-infectious encephalitis showed similar seasonal distribution in 1966 and 1967; however, the prominent summer peak of primary encephalitis noted in 1966 and reflecting, in part, outbreaks of arbovirus encephalitis, is absent in 1967 (Figure 3).

The etiologic agents responsible for the 99 cases of post-infectious encephalitis reported in the fourth quarter of 1967 are enumerated in Table 2. Reported measles encephalitis by quarter, 1964-1967, is tabulated in Table 3. During the 4th quarter of 1967, no measles encephalitis cases were reported. This is the only quarter, since this form of reporting began in 1964, in which no measles cases encephalitis were reported.

*Numbers of cases of primary and post-infectious encephalitis reported in this article are preliminary data.

Table 2
Reported Cases of Post-Infectious Encephalitis
Fourth Quarter of 1966 and 1967 (Weeks 40–52)

	Etiology				
	Mumps	Measles	Chickenpox	Other Specified	Total
1966	87	7	7	7	108
1967	90	0	2	7	99

Table 3
Reported Cases of Measles Encephalitis
By Quarter, 1964–1967

Week Nos.	1st Quarter 1–13	2nd Quarter 14–26	3rd Quarter 27–39	4th Quarter 40–52	Total
1964	28	123	22	9	182
1965	31	29	24	12	96
1966	62	67	30	8	167
1967	17	13	9	0	39

(Reported by Viral Diseases Section, Neurotropic Viral Diseases Unit, and Statistics Section, NCDC.)

Figure 3
REPORTED CASES OF
PRIMARY AND POST-INFECTIOUS ENCEPHALITIS
1966-1967

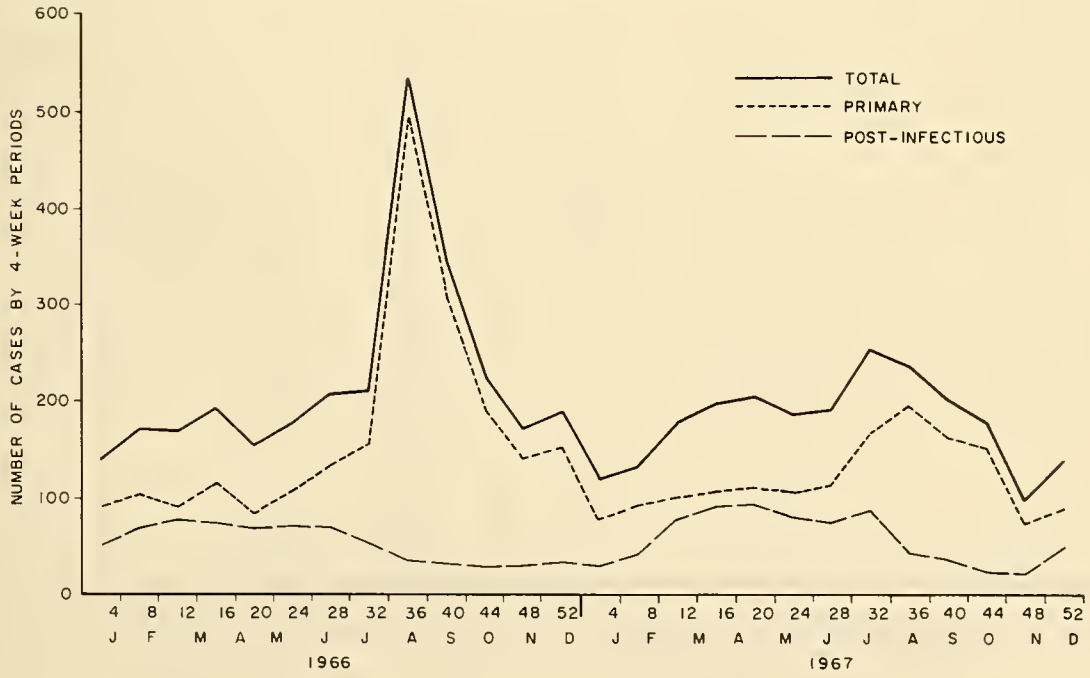


TABLE III CASES OF SPECIFIED NOTIFIABLE DISEASES, UNITED STATES

FOR WEEKS ENDED

FEBRUARY 24, 1968 AND FEBRUARY 25, 1967 (8th WEEK)

AREA	ASEPTIC MENINGITIS		BRUCELLOSIS	DIPHTHERIA	ENCEPHALITIS			HEPATITIS			MALARIA
					Primary including unsp. cases		Post-Infectious	Serum	Infectious		
	1968	1967	1968	1968	1968	1967	1968	1968	1968	1967	1968
UNITED STATES...	22	20	1	3	14	26	2	67	894	783	54
NEW ENGLAND.....	-	-	-	-	-	3	-	4	41	47	-
Maine.....	-	-	-	-	-	-	-	-	*4	4	-
New Hampshire.....	-	-	-	-	-	-	-	-	-	-	-
Vermont.....	-	-	-	-	-	-	-	-	1	-	-
Massachusetts.....	-	-	-	-	-	-	-	1	6	20	-
Rhode Island.....	-	-	-	-	-	3	-	-	*19	7	-
Connecticut.....	-	-	-	-	-	-	-	3	11	16	-
MIDDLE ATLANTIC.....	4	2	-	-	1	5	-	22	119	101	6
New York City.....	-	-	-	-	-	4	-	17	52	33	2
New York, Up-State.	1	1	-	-	1	-	-	2	*27	29	-
New Jersey.....	2	-	-	-	-	-	-	3	20	9	1
Pennsylvania.....	1	1	-	-	-	1	-	-	20	30	3
EAST NORTH CENTRAL...	1	1	-	-	1	7	-	2	148	111	2
Ohio.....	1	-	-	-	-	5	-	-	47	26	1
Indiana.....	-	1	-	-	-	1	-	-	20	9	-
Illinois.....	-	-	-	-	-	-	-	-	35	30	-
Michigan.....	-	-	-	-	1	1	-	1	32	34	1
Wisconsin.....	-	-	-	-	-	-	-	1	14	12	-
WEST NORTH CENTRAL...	2	1	1	1	-	2	1	-	63	83	-
Minnesota.....	2	1	-	-	-	-	-	-	5	10	-
Iowa.....	-	-	-	-	-	2	-	-	17	12	-
Missouri.....	-	-	-	-	-	-	-	-	35	56	*-
North Dakota.....	-	-	-	1	-	-	-	-	-	-	-
South Dakota	-	-	1	-	-	-	-	-	-	2	-
Nebraska.....	-	-	-	-	-	-	-	-	1	1	-
Kansas.....	-	-	-	-	-	-	1	-	5	2	-
SOUTH ATLANTIC.....	5	-	-	2	3	4	1	3	83	94	23
Delaware.....	1	-	-	-	-	-	-	-	4	1	-
Maryland.....	-	-	-	-	-	-	1	1	12	20	1
Dist. of Columbia..	1	-	-	-	1	-	-	1	2	-	-
Virginia.....	-	-	-	-	-	2	-	-	7	10	3
West Virginia.....	-	-	-	-	-	1	-	-	10	11	-
North Carolina.....	2	-	-	-	1	1	-	-	11	19	14
South Carolina.....	-	-	-	-	-	-	-	-	-	2	-
Georgia.....	-	-	-	2	-	-	-	-	29	19	4
Florida.....	1	-	-	-	1	-	-	1	8	12	1
EAST SOUTH CENTRAL...	2	6	-	-	-	1	-	1	65	60	15
Kentucky.....	1	-	-	-	-	-	-	-	26	27	15
Tennessee.....	1	3	-	-	-	1	-	-	28	19	-
Alabama.....	-	3	-	-	-	-	-	1	3	4	-
Mississippi.....	-	-	-	-	-	-	-	-	8	10	-
WEST SOUTH CENTRAL...	-	4	-	-	6	1	-	-	135	86	2
Arkansas.....	-	-	-	-	4	-	-	-	5	6	-
Louisiana.....	-	-	-	-	-	-	-	-	20	8	-
Oklahoma.....	*-	2	-	-	*2	1	-	-	*34	13	*2
Texas.....	-	2	-	-	-	-	-	-	76	59	-
MOUNTAIN.....	-	-	-	-	-	-	-	-	51	48	2
Montana.....	-	-	-	-	-	-	-	-	7	-	-
Idaho.....	-	-	-	-	-	-	-	-	4	14	-
Wyoming.....	-	-	-	-	-	-	-	-	-	4	-
Colorado.....	-	-	-	-	-	-	-	-	9	5	2
New Mexico.....	-	-	-	-	-	-	-	-	13	14	-
Arizona.....	-	-	-	-	-	-	-	-	8	7	-
Utah.....	-	-	-	-	-	-	-	-	10	4	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	8	6	-	-	3	3	-	35	189	153	4
Washington.....	1	-	-	-	1	-	-	-	11	35	-
Oregon.....	-	-	-	-	-	-	-	-	14	15	-
California.....	5	4	-	-	2	3	-	35	161	103	2
Alaska.....	-	-	-	-	-	-	-	-	2	-	-
Hawaii.....	2	2	-	-	-	-	-	-	1	-	2
Puerto Rico.....	-	-	-	-	-	-	-	-	19	20	-

* Delayed Reports: Aseptic meningitis: Okla. 3 cases 1967
Encephalitis, primary: Okla. 1, 19 cases 1967
Hepatitis infectious: Me. 2, R.I. 7, N.Y. Upstate 1 case 1967, Okla. 8, 8 cases 1967
Malaria: Mo. 26 cases 1967, Okla. 1

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES

FOR WEEKS ENDED

FEBRUARY 24, 1968 AND FEBRUARY 25, 1967 (8th WEEK) - CONTINUED

AREA	MEASLES (Rubeola)			MENINGOCOCCAL INFECTIONS, TOTAL			MUMPS	POLIOMYELITIS			RUBELLA
		Cumulative			Cumulative			Total	Paralytic		
	1968	1968	1967	1968	1968	1967	1968	1968	1968	Cum. 1968	1968
UNITED STATES...	593	4,132	16,051	92	666	464	5,352	3	3	3	1,119
NEW ENGLAND.....	35	187	177	5	35	16	597	-	-	-	201
Maine.....	-	7	8	-	2	1	*38	-	-	-	*5
New Hampshire.....	12	28	48	-	2	-	*11	-	-	-	3
Vermont.....	-	5	16	-	1	-	34	-	-	-	3
Massachusetts.....	13	96	66	3	16	6	382	-	-	-	78
Rhode Island.....	-	1	20	*2	4	-	40	-	-	-	*42
Connecticut.....	10	50	19	-	10	9	92	-	-	-	70
MIDDLE ATLANTIC.....	46	473	563	18	91	59	200	-	-	-	112
New York City.....	22	91	88	13	30	11	77	-	-	-	29
New York, Up-State.	17	249	133	2	6	18	NN	-	-	-	22
New Jersey.....	5	88	150	3	26	22	123	-	-	-	60
Pennsylvania.....	2	45	192	-	29	8	NN	-	-	-	1
EAST NORTH CENTRAL...	163	1,139	1,287	5	66	45	2,000	-	-	-	339
Ohio.....	7	98	207	2	17	15	121	-	-	-	56
Indiana.....	49	166	163	1	10	5	204	-	-	-	33
Illinois.....	51	526	140	-	11	9	439	-	-	-	116
Michigan.....	9	70	280	2	22	12	673	-	-	-	59
Wisconsin.....	47	279	497	-	6	4	563	-	-	-	75
WEST NORTH CENTRAL...	10	106	729	1	29	24	528	-	-	-	63
Minnesota.....	-	2	28	-	5	5	16	-	-	-	-
Iowa.....	4	37	117	1	3	3	463	-	-	-	53
Missouri.....	2	6	15	-	4	7	6	-	-	-	-
North Dakota.....	3	41	264	-	1	-	33	-	-	-	9
South Dakota.....	-	3	15	-	3	3	NN	-	-	-	-
Nebraska.....	1	10	290	-	1	5	10	-	-	-	1
Kansas.....	-	7	NN	-	12	1	-	-	-	-	-
SOUTH ATLANTIC.....	47	324	1,654	20	150	91	255	-	-	-	42
Delaware.....	-	-	15	-	-	4	7	-	-	-	-
Maryland.....	8	28	28	-	9	13	58	-	-	-	12
Dist. of Columbia..	-	4	4	-	3	-	9	-	-	-	-
Virginia.....	16	58	427	-	12	11	19	-	-	-	4
West Virginia.....	8	79	373	-	3	11	80	-	-	-	14
North Carolina.....	4	37	402	6	34	18	NN	-	-	-	-
South Carolina.....	1	13	24	11	33	5	1	-	-	-	-
Georgia.....	-	2	9	2	19	11	1	-	-	-	-
Florida.....	10	103	372	1	37	18	80	-	-	-	12
EAST SOUTH CENTRAL...	23	92	2,206	8	52	50	297	-	-	-	66
Kentucky.....	14	39	798	6	18	14	98	-	-	-	27
Tennessee.....	-	15	669	-	14	23	148	-	-	-	32
Alabama.....	4	19	334	*2	9	8	*47	-	-	-	7
Mississippi.....	5	19	405	-	11	5	4	-	-	-	-
WEST SOUTH CENTRAL...	145	963	5,554	26	169	77	340	3	3	3	55
Arkansas.....	-	-	905	2	9	1	-	-	-	-	-
Louisiana.....	-	1	28	5	41	31	-	-	-	-	1
Oklahoma.....	*11	47	1,622	*11	35	3	*8	-	-	-	-
Texas.....	134	915	2,999	8	84	42	332	3	3	3	54
MOUNTAIN.....	38	177	961	-	6	13	315	-	-	-	36
Montana.....	-	9	161	-	1	-	17	-	-	-	6
Idaho.....	1	7	107	-	2	1	26	-	-	-	1
Wyoming.....	2	26	12	-	-	-	4	-	-	-	-
Colorado.....	26	71	196	-	2	6	169	-	-	-	17
New Mexico.....	-	23	143	-	-	3	34	-	-	-	2
Arizona.....	9	38	174	-	1	1	64	-	-	-	6
Utah.....	-	1	45	-	-	1	1	-	-	-	4
Nevada.....	-	2	123	-	-	1	-	-	-	-	-
PACIFIC.....	86	671	2,920	9	68	89	820	-	-	-	205
Washington.....	19	205	1,593	3	12	6	335	-	-	-	61
Oregon.....	15	163	394	-	5	8	48	-	-	-	27
California.....	52	283	844	6	49	73	399	-	-	-	92
Alaska.....	-	-	59	-	-	2	25	-	-	-	23
Hawaii.....	-	20	30	-	2	-	13	-	-	-	2
Puerto Rico.....	13	55	436	3	6	5	17	-	-	-	3

* Delayed Reports: Measles: Okla. 6
Meningococcal infections: R.I. 2, Ala. 2, Okla. 7, 1 case 1967
Mumps: Me. 10, N.H. 2, Ala. 1, Okla. 2
Rubella: Me. 1, R.I. 28

TABLE III. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES
FOR WEEKS ENDED
FEBRUARY 24, 1968 AND FEBRUARY 25, 1967 (8th WEEK) - CONTINED

AREA	STREPTOCOCCAL SORE THROAT & SCARLET FEVER	TETANUS		TULAREMIA		TYPHOID		TYPHUS FEVER TICK-BORNE (Rky. Mt. Spotted)		RABIES IN ANIMALS	
	1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968	1968	Cum. 1968
UNITED STATES...	11,636	-	13	2	14	1	26	-	3	72	557
NEW ENGLAND.....	1,924	-	-	-	-	-	2	-	-	4	11
Maine.....	*39	-	-	-	-	-	-	-	-	4	11
New Hampshire.....	48	-	-	-	-	-	-	-	-	-	-
Vermont.....	13	-	-	-	-	-	-	-	-	-	-
Massachusetts.....	294	-	-	-	-	-	1	-	-	-	-
Rhode Island.....	*128	-	-	-	-	-	-	-	-	-	-
Connecticut.....	1,402	-	-	-	-	-	1	-	-	-	-
MIDDLE ATLANTIC.....	346	-	5	-	-	-	5	-	-	1	4
New York City.....	21	-	3	-	-	-	4	-	-	-	-
New York, Up-State.	285	-	2	-	-	-	1	-	-	1	3
New Jersey.....	NN	-	-	-	-	-	-	-	-	-	-
Pennsylvania.....	40	-	-	-	-	-	-	-	-	-	1
EAST NORTH CENTRAL...	1,303	-	2	1	2	-	4	-	-	6	35
Ohio.....	271	-	-	-	-	-	4	-	-	3	18
Indiana.....	336	-	-	-	-	-	-	-	-	-	6
Illinois.....	204	-	1	1	1	-	-	-	-	-	4
Michigan.....	226	-	1	-	1	-	-	-	-	1	3
Wisconsin.....	266	-	-	-	-	-	-	-	-	2	4
WEST NORTH CENTRAL...	742	-	1	-	4	-	2	-	-	16	111
Minnesota.....	36	-	-	-	-	-	-	-	-	2	27
Iowa.....	209	-	-	-	-	-	-	-	-	6	28
Missouri.....	28	-	1	-	2	-	2	-	-	3	27
North Dakota.....	99	-	-	-	-	-	-	-	-	3	19
South Dakota.....	35	-	-	-	1	-	-	-	-	-	-
Nebraska.....	177	-	-	-	-	-	-	-	-	1	5
Kansas...	158	-	-	-	1	-	-	-	-	1	5
SOUTH ATLANTIC.....	1,189	-	1	-	3	-	4	-	2	9	67
Delaware.....	26	-	-	-	-	-	-	-	-	-	-
Maryland.....	*463	-	-	-	-	-	1	-	-	1	1
Dist. of Columbia..	-	-	-	-	-	-	-	-	-	-	-
Virginia.....	404	-	1	-	-	-	1	-	2	3	35
West Virginia.....	-	-	-	-	-	-	-	-	-	2	8
North Carolina.....	28	-	-	-	2	-	1	-	-	-	2
South Carolina.....	46	-	-	-	-	-	-	-	-	-	-
Georgia.....	22	-	-	-	1	-	1	-	-	1	5
Florida.....	200	-	-	-	-	-	-	-	-	2	16
EAST SOUTH CENTRAL...	1,724	-	1	1	3	-	4	-	1	15	182
Kentucky.....	118	-	-	1	1	-	-	-	-	9	76
Tennessee.....	1,453	-	-	-	2	-	4	-	-	6	98
Alabama.....	79	-	1	-	-	-	-	-	-	-	8
Mississippi.....	74	-	-	-	-	-	-	-	1	-	-
WEST SOUTH CENTRAL...	931	-	1	-	-	1	2	-	-	15	110
Arkansas.....	12	-	-	-	-	-	-	-	-	3	9
Louisiana.....	2	-	-	-	-	-	1	-	-	5	16
Oklahoma.....	67	-	-	-	-	1	1	-	-	2	33
Texas.....	850	-	1	-	-	-	-	-	-	5	52
MOUNTAIN.....	1,872	-	-	-	2	-	-	-	-	-	6
Montana.....	63	-	-	-	-	-	-	-	-	-	-
Idaho.....	-	-	-	-	-	-	-	-	-	-	-
Wyoming.....	*335	-	-	-	-	-	-	-	-	-	-
Colorado.....	1,168	-	-	-	1	-	-	-	-	-	-
New Mexico.....	177	-	-	-	-	-	-	-	-	-	1
Arizona.....	86	-	-	-	-	-	-	-	-	-	5
Utah.....	43	-	-	-	1	-	-	-	-	-	-
Nevada.....	-	-	-	-	-	-	-	-	-	-	-
PACIFIC.....	1,605	-	2	-	-	-	3	-	-	6	31
Washington.....	408	-	-	-	-	-	-	-	-	-	-
Oregon.....	153	-	-	-	-	-	-	-	-	-	-
California.....	923	-	2	-	-	-	3	-	-	6	31
Alaska.....	38	-	-	-	-	-	-	-	-	-	-
Hawaii.....	83	-	-	-	-	-	-	-	-	-	-
Puerto Rico.....	8	-	-	-	-	-	-	-	-	1	3

* Delayed Reports: SST: Me. 10, R.I. 2, Md. 79, 56 cases 1967, Wyo. 193

Week No. 8

TABLE IV. DEATHS IN 122 UNITED STATES CITIES FOR WEEK ENDED FEBRUARY 24, 1968

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	All Causes		Pneumonia and Influenza	Under 1 year
	All Ages	65 years and over	All Ages	All Causes
NEW ENGLAND:	704	435	41	33
Boston, Mass.	226	125	14	13
Bridgeport, Conn.	43	26	4	1
Cambridge, Mass.	30	20	-	1
Fall River, Mass.	30	17	-	1
Hartford, Conn.	54	30	-	5
Lowell, Mass.	23	17	3	1
Lynn, Mass.	15	13	-	1
New Bedford, Mass.	31	21	3	1
New Haven, Conn.	40	26	-	1
Providence, R. I.	50	34	2	1
Somerville, Mass.	16	13	3	-
Springfield, Mass.	49	25	7	2
Waterbury, Conn.	29	18	1	3
Worcester, Mass.	68	50	4	2
MIDDLE ATLANTIC:	3,326	2,018	146	138
Albany, N. Y.	37	23	-	2
Allentown, Pa.	42	30	3	1
Buffalo, N. Y.	131	79	6	1
Camden, N. J.	45	24	1	-
Elizabeth, N. J.	25	17	3	1
Erie, Pa.	48	33	6	1
Jersey City, N. J.	70	41	4	6
Newark, N. J.	78	34	9	4
New York City, N. Y.	1,705	1,028	70	70
Paterson, N. J.	41	25	6	2
Philadelphia, Pa*	492	291	4	22
Pittsburgh, Pa.	185	111	3	13
Reading, Pa.	63	45	1	2
Rochester, N. Y.	138	82	17	9
Schenectady, N. Y.	21	17	-	2
Scranton, Pa.	41	29	2	-
Syracuse, N. Y.	49	32	1	1
Trenton, N. J.	42	26	3	-
Utica, N. Y.	36	26	5	-
Yonkers, N. Y.	37	25	2	1
EAST NORTH CENTRAL:	2,577	1,481	87	107
Akron, Ohio	68	36	-	3
Canton, Ohio	46	27	4	-
Chicago, Ill.	732	404	22	26
Cincinnati, Ohio	165	95	2	6
Cleveland, Ohio	213	110	8	4
Columbus, Ohio	142	89	4	9
Dayton, Ohio	80	45	6	4
Detroit, Mich.	344	198	6	12
Evansville, Ind.	44	30	6	-
Flint, Mich.	57	30	3	9
Fort Wayne, Ind.	36	23	2	2
Gary, Ind.	55	20	5	4
Grand Rapids, Mich.	38	26	4	3
Indianapolis, Ind.	143	82	2	6
Madison, Wis.	41	20	2	3
Milwaukee, Wis.	129	83	-	7
Peoria, Ill.	34	24	-	2
Rockford, Ill.	32	16	3	4
South Bend, Ind.	29	20	1	-
Toledo, Ohio	84	58	4	2
Youngstown, Ohio	65	45	3	1
WEST NORTH CENTRAL:	730	452	22	31
Des Moines, Iowa	45	40	-	-
Duluth, Minn.	25	13	4	1
Kansas City, Kans.	25	15	1	2
Kansas City, Mo.	133	95	4	1
Lincoln, Nebr.	10	7	-	-
Minneapolis, Minn.	100	56	1	4
Omaha, Nebr.	60	39	2	6
St. Louis, Mo.	227	125	4	11
St. Paul, Minn.	59	39	1	3
Wichita, Kans.	46	23	5	3
SOUTH ATLANTIC:	1,206	642	64	67
Atlanta, Ga.	140	65	4	15
Baltimore, Md.	232	125	6	11
Charlotte, N. C.	54	22	7	4
Jacksonville, Fla.	85	44	6	6
Miami, Fla.	118	70	2	4
Norfolk, Va.	78	36	8	3
Richmond, Va.	65	37	2	2
Savannah, Ga.	34	16	5	3
St. Petersburg, Fla.	103	85	7	1
Tampa, Fla.	72	33	10	3
Washington, D. C.	189	90	5	15
Wilmington, Del.	36	21	2	-
EAST SOUTH CENTRAL:	611	335	36	27
Birmingham, Ala.	112	69	4	4
Chattanooga, Tenn.	48	21	4	3
Knoxville, Tenn.	42	25	3	2
Louisville, Ky.	127	71	13	5
Memphis, Tenn.	100	53	3	5
Mobile, Ala.	44	17	1	2
Montgomery, Ala.	36	22	5	-
Nashville, Tenn.	102	57	3	6
WEST SOUTH CENTRAL:	1,186	618	68	63
Austin, Tex.	42	26	3	1
Baton Rouge, La.	53	32	3	-
Corpus Christi, Tex.	19	9	1	1
Dallas, Tex.	165	82	8	12
El Paso, Tex.	32	19	5	2
Fort Worth, Tex.	77	38	2	3
Houston, Tex.	243	119	9	15
Little Rock, Ark.	81	44	4	2
New Orleans, La.	171	92	10	10
Oklahoma City, Okla.	89	45	3	2
San Antonio, Tex.	93	46	4	9
Shreveport, La.	60	32	10	2
Tulsa, Okla.	61	34	6	4
MOUNTAIN:	436	245	28	37
Albuquerque, N. Mex.	40	21	4	2
Colorado Springs, Colo.	24	16	3	2
Denver, Colo.	128	75	6	17
Ogden, Utah	17	12	1	-
Phoenix, Ariz.	101	46	3	10
Pueblo, Colo.	24	19	6	1
Salt Lake City, Utah	52	28	2	3
Tucson, Ariz.	50	28	3	2
PACIFIC:	1,664	1,038	50	57
Berkeley, Calif.	17	11	-	-
Fresno, Calif.	37	20	2	2
Glendale, Calif.	34	26	-	2
Honolulu, Hawaii	54	24	1	5
Long Beach, Calif.	63	42	1	10
Los Angeles, Calif.	548	353	16	15
Oakland, Calif.	91	58	3	5
Pasadena, Calif.	55	41	2	1
Portland, Oreg.	107	61	2	2
Sacramento, Calif.	58	30	-	2
San Diego, Calif.	104	63	2	6
San Francisco, Calif.	174	100	6	1
San Jose, Calif.	37	23	1	-
Seattle, Wash.	173	107	11	6
Spokane, Wash.	68	44	2	-
Tacoma, Wash.	44	35	1	-
Total	12,440	7,264	542	560

*Estimate - based on average percent of divisional total.

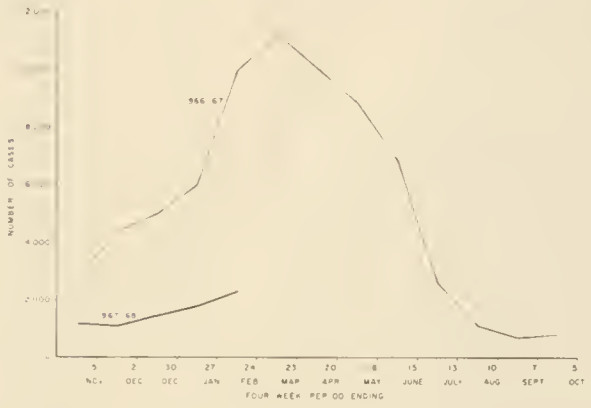
Cumulative Totals
including reported corrections for previous weeks

All Causes, All Ages	114,565
All Causes, Age 65 and over	68,831
Pneumonia and Influenza, All Ages	6,799
All Causes, Under 1 Year of Age	4,898

CURRENT TRENDS
MEASLES – United States

During the 4-week period, January 28 through February 24, 1968 (weeks 5-8), 2,319 cases of measles were reported to NCDC. This is an increase of 506 cases over the preceding 4-week period, but is only 23 percent of the 10,010 cases reported for the comparable 4 weeks in 1967 (Figure 4). The pattern of a gradual increase in the number of cases in the 4-week periods is continuing.

Figure 4
REPORTED CASES OF MEASLES BY 4-WEEK PERIODS
UNITED STATES
EPIDEMIOLOGIC YEAR 1967-68, COMPARED WITH 1966-67



The cumulative number of cases reported for the first 8 weeks of 1968 is 4,132. During the comparable 8-week period in 1967, the reported cases totaled 16,051. For the previous 3 years (1966, 1965, and 1964) the totals were 18,392, 61,515, and 59,109, respectively. Measles continues to be a problem in a number of areas during the current year. About 60 percent of the reported cases were notified from six states (California, Illinois, New York, Texas, Washington, and Wisconsin).

(Reported by State Services Section and the Statistics Section, NCDC.)

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In the second column, second paragraph, in the sentence, "Analysis of ages for 168 of the 174 patients . . .," 168 should be changed to 165.

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IN ADDITION TO THE ESTABLISHED PROCEDURES FOR REPORTING MORBIDITY AND MORTALITY, THE NATIONAL COMMUNICABLE DISEASE CENTER WELCOMES ACCOUNTS OF INTERESTING OUTBREAKS OR CASE INVESTIGATIONS WHICH ARE OF CURRENT INTEREST TO HEALTH OFFICIALS AND WHICH ARE DIRECTLY RELATED TO THE CONTROL OF COMMUNICABLE DISEASES. SUCH COMMUNICATIONS SHOULD BE ADDRESSED TO:

NATIONAL COMMUNICABLE DISEASE CENTER
ATLANTA, GEORGIA 30333
ATTN: THE EDITOR
MORBIDITY AND MORTALITY WEEKLY REPORT

NOTE: THE DATA IN THIS REPORT ARE PROVISIONAL AND ARE BASED ON WEEKLY TELEGRAMS TO THE NCDC BY THE INDIVIDUAL STATE HEALTH DEPARTMENTS. THE REPORTING WEEK CONCLUDES ON SATURDAY; COMPILED DATA ON A NATIONAL BASIS ARE RELEASED ON THE SUCCEEDING FRIDAY

U.S. DEPARTMENT OF
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